

My Coastal Environment:

South Carolinian Atlantic Coast

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Features

Belongs to South Atlantic coast plain

Major importance to local economy

Manufacturing

Shipping

Tourism

Geography:

Full of swampland and marshes

Lined with barrier islands

Beaches



Environmental challenges

Climate change threatens the longevity of the region

Under constant threat of severe storms such as hurricanes which have potential to do major damage

Climate change probably will increase frequency of severe storms

Shore degradation

Threat to coastline property such as tourist hotspots.

Sediment buildup

Threat to ports - SC Port Authority is currently committing to an extensive sediment removal project at the major port of charleston

Economic challenges

As globalization continues, more and more pressure is put on port communities.

South Carolina is greatly lagging behind in high-skill education, leading to little social mobility, which will persist with decreasing importance on low skilled labor.



Societal challenges

Despite being one of the most vulnerable regions to climate change in the country, there is little widespread acknowledgement of its very existence

Populace little interested in environmentalism, from changing consumption habits to investing in preventative infrastructure.

Little political drive to reverse this

In 2011, the SC DNR compiled an extensive report on local effects of climate change -- but the government suppressed the report